


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide

+"loaded ethernet" "VLAN"

SEARCH

THE ACM DIGITAL LIBRARY


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

 Terms used **loaded ethernet** **VLAN**

Found 2 of 166,357

Sort results by

relevance


[Save results to a Binder](#)
[Try an Advanced Search](#)
[Try this search in The ACM Guide](#)

Display results

expanded form


[Search Tips](#)
☐ Open results in a new window

Results 1 - 2 of 2

 Relevance scale ☐ ☐ ☐ ☐ ☐

1 [Performance evaluation of Ethernet and HYPERbus local area networks using computer modeling](#)



David S. Jennings, Aaron H. Konstam

 December 1985 **Proceedings of the 17th conference on Winter simulation**
Publisher: ACM Press

 Full text available: pdf(630.16 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

The local area networks Ethernet and HYPERbus were simulated using the GPSS program language. Measurements of performance were network stability, messages transmitted per unit time, and the number of transmission attempts required per message. The simulations produced these results. Both networks were stable at the normal, 90 and 100 percent loads. At the 90 and 100 percent loads, Ethernet transmitted between 90.31 and 99.16 percent of the expected number of messages per unit time. HYPERbus ...

2 [Ethernet: distributed packet switching for local computer networks](#)



Robert M. Metcalfe, David R. Boggs

 July 1976 **Communications of the ACM**, Volume 19 Issue 7

Publisher: ACM Press

 Full text available: pdf(1.10 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Ethernet is a branching broadcast communication system for carrying digital data packets among locally distributed computing stations. The packet transport mechanism provided by Ethernet has been used to build systems which can be viewed as either local computer networks or loosely coupled multiprocessors. An Ethernet's shared communication facility, its Ether, is a passive broadcast medium with no central control. Coordination of access to the Ether for packet broadcasts is distributed amo ...

Keywords: broadcast communication, computer networks, distributed computing, distributed control, multiprocessing, packet switching, statistical arbitration

Results 1 - 2 of 2

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2005 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:


[Adobe Acrobat](#)

[QuickTime](#)

[Windows Media Player](#)

[Real Player](#)


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide

THE ACM DIGITAL LIBRARY


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

 Terms used **loaded features** **ethernet**

Found 6 of 166,357

Sort results by


[Save results to a Binder](#)
[Try an Advanced Search](#)
[Try this search in The ACM Guide](#)

Display results


[Search Tips](#)
☐ Open results in a new window

Results 1 - 6 of 6

 Relevance scale ☐ ☐ ☐ ☐ ☐

1 [An Extensible Platform for Evaluating Security Protocols](#)

 Seny Kamara, Darren Davis, Lucas Ballard, Ryan Caudy, Fabian Monroe
 April 2005 **Proceedings of the 38th annual Symposium on Simulation**

Publisher: IEEE Computer Society

 Full text available: pdf(246.99 KB) Additional Information: [full citation](#), [abstract](#)

We present a discrete-event network simulator, called Simnet, designed specifically for analyzing network-security protocols. The design and implementation is focused on simplicity of abstraction and extensibility. Moreover, its modular architecture allows operators to dynamically customize running simulations. To demonstrate its strengths we present cases studies that focus on examining security-centric problem domains. In particular, we present an analysis of worm propagation modeling for worm ...

2 [A study of devirtualization techniques for a Java Just-In-Time compiler](#)

 Kazuaki Ishizaki, Motohiro Kawahito, Toshiaki Yasue, Hideaki Komatsu, Toshio Nakatani
 October 2000 **ACM SIGPLAN Notices , Proceedings of the 15th ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications OOPSLA '00**, Volume 35 Issue 10

Publisher: ACM Press

 Full text available: pdf(225.89 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citings](#), [index terms](#)

Many devirtualization techniques have been proposed to reduce the runtime overhead of dynamic method calls for various object-oriented languages, however, most of them are less effective or cannot be applied for Java in a straightforward manner. This is partly because Java is a statically-typed language and thus transforming a dynamic call to a static one does not make a tangible performance gain (owing to the low overhead of accessing the method table) unless it is inlined, and partly because t ...

3 [Hypermedia systems: IUHM: a hypermedia-based model for integrating open services, data and metadata](#)

 Marc Nanard, Jocelyne Nanard, Peter King
 August 2003 **Proceedings of the fourteenth ACM conference on Hypertext and hypermedia**

Publisher: ACM Press

 Full text available: pdf(481.90 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citings](#), [index terms](#)

This paper discusses a new hypermedia-based model known as IUHM (Information Unit

Hypermedia Model). IUHM emerged as a result of the development of the OPALES system, a collaborative environment for exploring and indexing video archives in a digital library. A basic design requirement of OPALES is that it must permit and support the integration of new services throughout its life cycle. Thus, IUHM depends heavily upon the notions of extensibility and openness. Support for openness, extensibility ...

Keywords: hypertext structure, metadata, open hypermedia system, semantics, service integration, structural computing

4 Position papers for panel session: The use of a writable control memory in a multiprogramming environment



Maurice V. Wilkes

September 1972 **Conference record of the 5th annual workshop on Microprogramming**

Publisher: ACM Press

Full text available: pdf(352.90 KB) Additional Information: [full citation](#), [references](#), [citations](#)

5 An 8mA, 3.8dB NF, 40dB gain CMOS front-end for GPS applications



F. Svelto, S. Deantoni, G. Montagna, R. Castello

August 2000 **Proceedings of the 2000 international symposium on Low power electronics and design**

Publisher: ACM Press

Full text available: pdf(1.75 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

A fully differential 0.35 μ m CMOS LNA plus mixer, tailored to a double conversion architecture, for GPS applications has been realized. The LNA makes use of an inductively degenerated input stage and a resonant LC load, featuring 12% frequency tuning, accomplished by an MOS varactor. The mixer is a Gilbert cell like, in which an NMOS and a PMOS differential pair, shunted together, realize the input stage. This topology allows to save power, for given mixer gain and linearity. The front-e ...

Keywords: CMOS, circuit-analog, communication, design, low-power design, low-power dissipation, performances trade-off

6 A frame based system for representing knowledge about VLSI design: a proposal



W. Stephen Adolph, Hassan K. Reghbat, Amar Sanmugasunderam

July 1986 **Proceedings of the 23rd ACM/IEEE conference on Design automation**

Publisher: IEEE Press

Full text available: pdf(654.40 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Engineers use large amounts of stereotype knowledge about basic circuit components and design techniques when designing a circuit. This knowledge is used to guide design decisions in order to produce an optimal design. Such stereotyped knowledge can be represented as frames in a knowledge based system and such a knowledge base can be used to implement a silicon compiler. This paper describes a pilot system we are developing at SFU which uses frames to represent abstract models of circuit co ...

Keywords: VLSI design, computer assisted design, knowledge representation, silicon compilation

Patent Assignment Abstract of Title

Total Assignments: 2**Application #:** 10066532 **Filing Dt:** 01/31/2002**Patent #:** NONE**Issue Dt:****PCT #:** NONE**Publication #:** US20030081620 **Pub Dt:** 05/01/2003**Inventors:** Phillip A. Danner, William B. Estep, Paul D. Scanlon, Robert A. Rucinski, Robert A. McKeel**Title:** Ethernet switch and system**Assignment: 1**

Reel/Frame:	<u>012972 / 0223</u>	Received:	06/13/2002	Recorded:	05/29/2002	Mailed:	08/12/2002	Pages:	4
--------------------	----------------------	------------------	------------	------------------	------------	----------------	------------	---------------	---

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignors:** DANNER, PHILLIP A.**Exec Dt:** 05/28/2002ESTEP, WILLIAM B.**Exec Dt:** 05/28/2002SCANLON, PAUL D.**Exec Dt:** 05/28/2002RUCINSKI, ROBERT A.**Exec Dt:** 05/28/2002MCKEEL, ROBERT A.**Exec Dt:** 05/28/2002**Assignee:** GE CISCO INDUSTRIAL NETWORKS, INC.

ROUTE 29 NORTH & ROUTE 606

CHARLOTTESVILLE, VIRGINIA 22911

Correspondent: ARMSTRONG TEASDALE, LLP

JOHN S. BEULICK

ONE METROPOLITAN SQ. SUITE 2600

ST. LOUIS, MO 63102

Assignment: 2

Reel/Frame:	<u>015619 / 0465</u>	Received:	01/28/2005	Recorded:	01/28/2005	Mailed:	01/28/2005	Pages:	7
--------------------	----------------------	------------------	------------	------------------	------------	----------------	------------	---------------	---

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignor:** GE CISCO INDUSTRIAL NETWORKS, INC**Exec Dt:** 12/30/2004**Assignee:** GENERAL ELECTRIC COMPANY; C/O GE FANUC AUTOMATION

2500 AUSTIN DRIVE

ATTN: WILLIAM ESTEP

CHARLOTTESVILLE, VIRGINIA 22911

Correspondent: MIRIAM J. ROVNER, SENIOR PARALEGAL

EXCHANGE PLACE, 53 STATE STREET

ATT: GOODWIN PROCTER LLP

BOSTON, MA 02109

Search Results as of: 11/3/2005 12:53:35 P.M.

If you have any comments or questions concerning the data displayed, contact OPR / Assignments at 571-272-3350
Web interface last modified: September 28, 2005


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

[Search Results](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Results for "((ethernet<in>metadata) <and> (vlan<in>metadata))<and> (features<i..."

[e-mail](#)

Your search matched 2 of 1253851 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by **Relevance** in **Descending** order.

» Search Options

[View Session History](#)[New Search](#)

Modify Search

((ethernet<in>metadata) <and> (vlan<in>metadata))<and> (features<in>metadat >>

☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

» Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

Select Article Information

- ☐ 1. **Security features in Ethernet switches for access networks**
 Guruprasad, A.; Pandey, P.; Prashant, B.;
 TENCON 2003. Conference on Convergent Technologies for Asia-Pacific Regi
 Volume 3, 15-17 Oct. 2003 Page(s):1211 - 1214 Vol.3
 Digital Object Identifier 10.1109/TENCON.2003.1273439
[AbstractPlus](#) | Full Text: [PDF](#)(318 KB) IEEE CNF
- ☐ 2. **Handover latency analysis on mobile Ethernet**
 Aoyama, T.; Ishibashi, K.; Bandai, M.; Kuroda, M.; Watanabe, T.;
 Wireless Communications and Networking Conference, 2005 IEEE
 Volume 3, 13-17 March 2005 Page(s):1389 - 1394 Vol. 3
 Digital Object Identifier 10.1109/WCNC.2005.1424719
[AbstractPlus](#) | Full Text: [PDF](#)(1949 KB) IEEE CNF

 Indexed by
[Help](#) [Contact Us](#) [Privacy &](#)

© Copyright 2005 IEEE -

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)Search: ☒ The ACM Digital Library ☐ The Guide**SEARCH**

Nothing Found

Your search for **+"feature laden ethernet"** did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

Quick Tips

- Enter your search terms in lower case with a space between the terms.

sales offices

You can also enter a full question or concept in plain language.

Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a **+** if a search term must appear on a page.

museum +art

- Exclude pages by using a **-** if a search term must not appear on a page.

museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2005 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)Search: ☒ The ACM Digital Library ☐ The Guide**SEARCH**

Nothing Found

Your search for **+"feature loaded ethernet"** did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

Quick Tips

- Enter your search terms in lower case with a space between the terms.

sales offices

You can also enter a full question or concept in plain language.

Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a + if a search term must appear on a page.

museum +art

- Exclude pages by using a - if a search term must not appear on a page.

museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2005 ACM, Inc.
[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Refine Search

Search Results -

Term	Documents
LOADED	571565
LOADED	0
FEATURES	1819214
FEATURE	912088
(17 AND (LOADED NEAR FEATURES)).PGPB,USPT.	0
(L17 AND LOADED NEAR FEATURES).PGPB,USPT.	0

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L20

Refine Search

Recall Text

Clear

Interrupt

Search History

 DATE: Thursday, November 03, 2005 [Printable Copy](#) [Create Case](#)

Set Name Query
side by side

Hit Count Set Name
result set

DB=PGPB,USPT; PLUR=YES; OP=ADJ

<u>L20</u>	L17 and loaded near features	0	<u>L20</u>
<u>L19</u>	L17 and features near ethernet	2	<u>L19</u>
<u>L18</u>	L17 and features	46	<u>L18</u>
<u>L17</u>	VLAN and industrial	69	<u>L17</u>
<u>L16</u>	L15 and VLAN	0	<u>L16</u>
<u>L15</u>	ethernet and loaded adj features	7	<u>L15</u>
<u>L14</u>	VLANs and ethernet and plurality near features	2	<u>L14</u>
<u>L13</u>	L12 and VLAN	0	<u>L13</u>
<u>L12</u>	feature near loaded and ethernet	19	<u>L12</u>

<u>L11</u>	feature near loaded near Ethernet	0	<u>L11</u>
<u>L10</u>	L9 and laden	2	<u>L10</u>
<u>L9</u>	L8 and temperature	4	<u>L9</u>
<u>L8</u>	L7 and ethernet near switch	15	<u>L8</u>
<u>L7</u>	L6 and industrial	69	<u>L7</u>
<u>L6</u>	industrial and VLAN	69	<u>L6</u>
<u>L5</u>	L4 and VLAN	2	<u>L5</u>
<u>L4</u>	L3 and industrial	22	<u>L4</u>
<u>L3</u>	laden and ethernet	83	<u>L3</u>
<u>L2</u>	laden near Ethernet	2	<u>L2</u>
<u>L1</u>	feature near laden near Ethernet	2	<u>L1</u>

END OF SEARCH HISTORY